DEC 2:7 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

erial No.

10/672,689

Confirmation No. 9268

Applicants

Schmidt, et al. September 26, 2003

Filed : TC/A.U. :

Examiner Docket No.

1651 Allison M. Ford UTAU:1063

Customer No. : 34,725

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

__ under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

X under 37 CFR 1.97(c) together with either a:

Statement under 37 CFR 1.97(e), or

X a \$180.00 fee under 37 CFR 1.17(p), or

(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

___ under 37 CFR 1.97(d) together with a:

Statement under 37 CFR 1.97(e), and

a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipates nor renders obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

I hereby certify that this Correspondence is being deposited with the United States Postal service with sufficient postage for first class mail in an envelope address to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or the correspondence is being facsimile transmitted to the USPTO, on December 23, 2005.

Typed Name:

Edwin Flores

Signature:

Respectfully submitted,

Edwin S. Flores

Attorney for Applicant(s)

Reg. No. 38,453

Date: 12/23/280

Telephone No.: (214) 866-0001

180.00 OP

2/29/2005 SSESHE1 00000051 10672689

DEC 27 2005

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Sul	Substitute for form 1449A/PTO			Complete if Known		
Jul	Salitate for form 1445747 10			Application Number	10/672,689	
11	NFORMATION DISC	LOS	URE	Filing Date	9/26/2003	
9	STATEMENT BY APP	PLIC	ANT	First Named Inventor	Schmidt, C.	
				Art Unit	3738	
	(Use as many sheets as necessary)			Examiner Name	Ford, Allison M.	
Sheet	1	of	2	Attorney Docket Number	UTAU:1063	

	U.S. PATENT DOCUMENTS					
Examiner Cit		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	Cite No. ¹	Number - Kind Code ^{2 (if known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		US-6,734,018	05/11/2004	Wolfinbarger, et al.		
		US-6,613,278	09/02/2003	Mills, et al.		
	1	US:6,448,076	10/10/2002	Dennis, et al.		
	1	US-6,398,819	06/04/2002	Bell		
	1	US-6,376,742	04/23/2002	Zdrahala, et al.		
		US-6,352,557	03/05/2002	Ferree		
	1	US-6,290,718	09/18/2001	Grooms, et al.		
····		US-6,080,753	06/27/2000	Lyons, et al.		
***************************************	1	US-5,968,905	10/19/1999	Patterson		
	<u> </u>	US-5,962,434	10/05/1999	Schnaar, et al.		
	<u> </u>	US-5,919,196	07/06/1999	Bobic, et al.		
***************************************		US-5,898,000	04/27/1999	Matsuda, et al.		
		US-5,843,892	12/01/1998	Patterson		
		US-5,716,411	02/10/1998	Orgill, et al.		
***************************************		US-5,543,498	08/06/1996	Fishman, et al.		
····		US-4,776,853	10/11/1988	Klement, et al.		
***************************************		US-4,505,266	03/19/1985	Yannas, et al.		
		US-20010000804 A1	05/03/2001	Goldstein, et al.		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Τ6	
initiais	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	IVIIVI-DD-1111	Applicant of Orlea Bosument	or Relevant Figures Appear	<u> </u>	
				The state of the s	**************************************		

Examiner	Date	
Signature	Considered	
EVALUATED :		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DEC 2 7 2005

PTO/SB/08b (08-03)

Approved for use through 06/30/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/672,689	
INF	ORMATION DISC	CLOSI	URE	Filing Date	9/26/2003	
STATEMENT BY APPLICANT				First Named Inventor	Schmidt, C.	
317	STATEMENT DI APPLICANT			Art Unit	3738	
(Use as many sheets as necessary)				Examiner Name	Ford, Allison M.	
Sheet	2	of	2	Attorney Docket Number	UTAU:1063	

	NON PATENT LITERATURE DOCUMENTS	
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	SONDELL M, LUNDBORG, KANJE M. Vascular endothelial growth factor stimulates Schwann cell invasion and naovascularization of acellular nerve grafts. Brain Research, 1999 Nov 6 1999, 846(2):219-28	
	DUMONT, Charles, HENTZ, Vincent, Enhancemenet of Axon Growth by Detergent-Extracted Nerve Grafts, Tranplantation, 63 (9) May 15, 1997 1210-1215.	
	HAASE, SC; CEDERNA, PS; DENNIS, RG, KUZON, WM. Peripheral nerve reconstruction using acellular nerve grafts. Surgical Forum; 2000, 51:607-608	
	CHAMBERLAIN LJ, YANNAS IV, HSU HP, STRICHARTZ GR, SPECTOR M. Near-terminus axonal structure and function following rat sciatic nerve regeneration through a collagen-GAG matrix in a ten-millimeter gap. J. Neurosci Res, 2000 Jun 1, 60(5):666-77.	
	CHAMBERLAIN LJ, YANNAS IV, HSU HP, STRICHARTZ GR, SPECTOR M. Collagen-GAG substrate enhances the quality of nerve regeneration through collagen tubes up to level of autograph. Exp Neurol, 1998 Dec, 154(2):315-29	
	SONDELL, M., LUNDBORG, G., AND KANJE, M. Regeneration of the rat sciatic nerve into allografts made acellular through chemical extraction. 1998. Brain Res. 795:44	
	EVANS, et al., The peripheral nerve allograft: a comprehensive review of regeneration and neuroimmunology. Prog Neurobiol, 1994, 43:187-233	
	GULATI, A.K., AND COLE, G.P., Immunogenicity and regenerative potential of acellular nerve allografts to repair peripheral nerve in rats and rabbits. Acta Neurochir. (Wien) 1994, 126:158	
	HUDSON, et al., Optimized Acellular Nerve Graft is Immunologically Tolerated and Supports Regeneration, Tissue Engineering, 10 (11/12) 2004, 1641-1651	
	HUDSON, et al., Engineering an Improved Acellular Nerve Graft via Optimized Chemical Processing, Tissue Engineering, 10 (9/10) 2004, 1346-1358	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. SONDELL M, LUNDBORG, KANJE M. Vascular endothelial growth factor stimulates Schwann cell invasion and naovascularization of acellular nerve grafts. Brain Research, 1999 Nov 6 1999, 846(2):219-28 DUMONT, Chartes, HENTZ, Vincent, Enhancemenet of Axon Growth by Detergent-Extracted Nerve Grafts, Tranplantation, 63 (9) May 15, 1997 1210-1215. HAASE, SC; CEDERNA, PS; DENNIS, RG, KUZON, WM. Peripheral nerve reconstruction using acellular nerve grafts. Surgical Forum; 2000, 51:607-608 CHAMBERLAIN LJ, YANNAS IV, HSU HP, STRICHARTZ GR, SPECTOR M. Near-terminus axonal structure and function following rat sciatic nerve regeneration through a collagen-GAG matrix in a ten-millimeter gap. J. Neurosci Res, 2000 Jun 1, 60(5):666-77. CHAMBERLAIN LJ, YANNAS IV, HSU HP, STRICHARTZ GR, SPECTOR M. Collagen-GAG substrate enhances the quality of nerve regeneration through collagen tubes up to level of autograph. Exp Neurol, 1998 Dec, 154(2):315-29 SONDELL, M., LUNDBORG, G., AND KANJE, M. Regeneration of the rat sciatic nerve into allografts made acellular through chemical extraction. 1998. Brain Res. 795:44 EVANS, et al., The peripheral nerve allograft: a comprehensive review of regeneration and neuroimmunology. Prog Neurobiol, 1994, 43:187-233 GULATI, A.K., AND COLE, G.P., Immunogenicity and regenerative potential of acellular nerve allografts to repair peripheral nerve in rats and rabbits. Acta Neurochir. (Wien) 1994, 126:158 HUDSON, et al., Optimized Acellular Nerve Graft is Immunologically Tolerated and Supports Regeneration, Tissue Engineering, 10 (11/12) 2004, 1641-1651

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.